

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21417

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Morris R. Antweil

3. ADDRESS OF OPERATOR

Box 2010, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

2932' FNL & 1980' FEL Sec. 4-T21S-R26E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

7 miles NW of Carlsbad, N. M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

120

17. NO. OF ACRES ASSIGNED
TO THIS WELL

297.8

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

19. PROPOSED DEPTH

11,000'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3190' GR

22. APPROX. DATE WORK WILL START*

1 Nov. 1974

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/4"	13-3/8"	48#	360'	300 sx. to Circ.
12-1/4"	8-5/8"	24 & 28#	2550'	1000 sx. to circ.
7-7/8"	5-1/2"	15.5 & 17#	11,000'	600 sx. to 9000'

BOP program - See attached diagram.

Mud Program - See attached program.

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ARTESIA, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

R M Williams

TITLE

Agent

DATE

25 Sept. 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

NOV 12 1974

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DISTRICT ENGINEER

DATE

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SUBJECT TO ATTACHED DEEP WELL CONTROL

RECEIVED DATED JUN 22 1973

DRILL AND WATER BASIN

*See Instructions On Reverse Side

CANNED LUBRICANT 133-188 NOTIFY USGS IN SUFFICIENT TIME TO

CANNED LUBRICANT 133-188 WITNESS CEMENTING THE CASING

SEP 30 1974

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

AMENDED
 NEW MEXICO OIL CONSERVATION COMMISSION
 WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 7-1-102
 Supersedes C-128
 Effective 1-1-65

All distances must be from the outer boundaries of the Section

MORRIS R. ANTWEIL			WESTERN RESERVES FEDERAL		2
J	4	21 SOUTH	26 EAST	EDDY	
2932 feet from the NORTH line and		1980 feet from the EAST line			
3189.8	Morrow	Avalon Morrow	297.8		

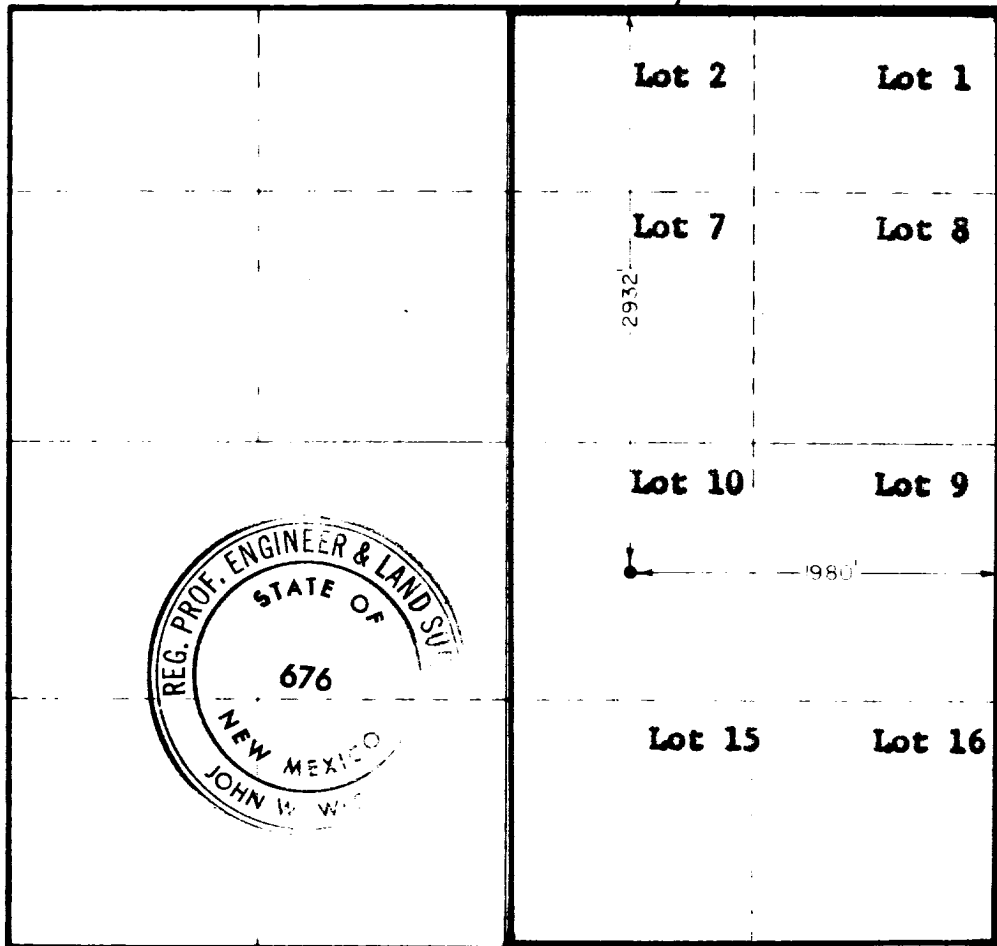
- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). **See Reverse Side**
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes ☒ No ☐ If answer is "yes," type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) **Protraction unit to be communitized**

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

North Line of Section 47



CERTIFICATION

I hereby certify that the information furnished herein is true and complete to the best of my knowledge and belief.

R. M. Williams

R. M. Williams

Agent

Morris R. Antweil

16 October, 1974

I hereby certify that the information furnished herein is true and complete to the best of my knowledge and belief.

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**U.S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO**

March 13, 1974

John W. West

676

330 560 90 320 1650 1980 2310 2640 2000 1500 1100 800

Tabulation of Leases:

Lot 1 - 28.95-Federal Lease NM 911
Working Interest-100% El Paso Natural Gas.
Royalty Interest-1/8 Federal

* Lot 2 - 14.85 ac., Lot 7- 30 ac., & Lot 9-10 ac., fee lease
Working Interest-50% Reserve-Antweil Joint Venture
50% Western Reserves Oil Co.
Royalty Interest-1/2-Pecos Irrigation Co.

Lot 2 - 14 ac., Lot 7- 10 ac., Lot 8- 40 ac., & Lot 9-30 ac.
Federal Lease NM 15461
Working Interest-50% Reserve-Antweil Joint Venture
50% Western Reserves Oil Co.
Royalty Interest-1/8 Federal

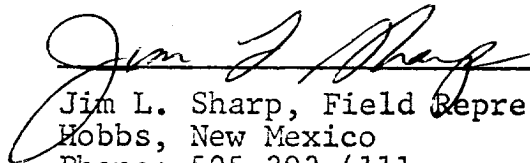
Lot ¹⁰ 14- 40 ac.-Federal Lease NM 0514349-A
Working Interest-50% Reserve-Antweil Joint Venture
50% Western Reserves Oil Co.
Royalty Interest-1/8 Federal

Lot 15 & 16- 80 ac. - Federal Lease NM 3606
Working Interest-100% - Inexco Oil Co.
Royalty Interest-1/8 Federal

* This interest is subject to a controversy between the lessor, Pecos Irrigation Company, and the United States of America; any funds payable to the true owner of the lands will be held in suspense until the controversy is settled.

REQUIRED DEVELOPMENT PLAN FOR SURFACE USE

1. See attached Item 1.
2. See attached Item 2.
3. See attached Item 3.
4. See attached Item 4.
5. Tank Batteries and Flow Lines: Producing facilities will be located on the location pad.
6. Water Supply: Fresh water for the drilling operations will be purchased and hauled to location from Carlsbad.
7. Methods for Handling Waste Disposal: All waste material developed during drilling operations will be buried at the location. Drill cuttings will be covered in the reserve mud pit. All garbage, trash and junk will be buried in a seperate earthen pit.
8. None
9. None
10. See attached Item 10.
11. Location will be restored to its natural grade and contour and reseeded as required.
12. The area is rough and barren of vegetation. The location is on a bluff approximately 1/2 mile south of the Pecos River Valley.


Jim L. Sharp, Field Representative
Hobbs, New Mexico
Phone: 505-393-4111

PROPOSED MUD PROGRAM
NO. 2 WESTERN RESERVES FEDERAL

The proposed program is identical to the program employed successfully in No. 1 Western Reserves Federal.

Surface:

Spud with bentonite and lime. Mix paper, fiber, and hulls as needed to control lost circulation.

Intermediate:

Drill out with fresh water. Control seepage with paper. In the event of complete loss of returns, mix bentonite, lime, fiber, hulls and paper. If loss is critical, "dry-drill" to casing point.

Production:

Drill out with fresh water with lime to hold pH 10.0-11.0 for corrosion. Mix paper to control seepage.

At 7500' add 3-4% KCI and maintain to TD to inhibit all shales along with bentonite within the Morrow sands.

At 300 feet above first Morrow sand, mud-up with Drispac-Flosal type system:

Weight	-	8.7#/gal.
Viscosity	-	35-36 sec/1000 cc
Water Loss	-	5-6 cc/30 min.
pH	-	9.5-10.5

Increase viscosity as hole conditions require for logging and DST's.

Morris R. Antweil
OIL OPERATOR
P. O. Box 2010
HOBBS, NEW MEXICO 88240

September 25, 1974

New Mexico Oil Conservation Commission
Box 2088
Santa Fe, New Mexico 87501

ATTENTION: Mr. A. L. Porter, Jr.
Secretary-Director

REFERENCE: Nonstandard Gas Proration Unit
Lots 1,2,7,8,9,10,15 & 16
Section 4-T21S-R26E
Eddy County, New Mexico

Gentlemen:

Morris R. Antweil respectfully requests the granting of administrative approval to a nonstandard gas proration and spacing unit, comprising the 297.8 acres being Lots 1,2,7,8,9,10,15 and 16 of Section 4-T21S-R26E, NMPM, Eddy County, New Mexico, to be dedicated to our No. 2 Western Reserves Federal to be drilled in Lot 10.

The unorthodox size of the requested unit is necessitated by the variations of the legal subdivisions of the U.S. Public Lands Surveys. Lots 1 and 2 to be dedicated to the proposed well contain only 28.85 and 28.95 acres, respectively; therefore, the total acreage available to the gas proration unit is 297.8 acres. The attached copy of the C-102 being filed for the proposed well shows the well location and the acreage to be dedicated. The proposed well will be drilled to 11,000 feet to test the Strawn and Morrow formations and is situated in the Avalon Gas Pool.

Provision for the grant of administrative approval of a nonstandard gas proration unit under the above conditions is contained in Rule 104-D-II of the Rules and Regulations of the Oil Conservation Commission. Your favorable consideration of our request will be appreciated.

Respectfully,

MORRIS R. ANTWEIL



R. M. Williams

RMW/jj
Encl

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE NEW MEXICO 87501

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OCT 30 1974

O. C. C.
ARTESIA, OFFICE

October 29, 1974

C
Morris R. Antweil
P.O. Box 2010
Hobbs, New Mexico 88240

Attention: Mr. R. M. Williams

Administrative Order MSP-975

Gentlemen:

Reference is made to your application for a 297.8-acre non-standard gas proration unit consisting of the following acreage in the Avalon Gas Pool:

EDDY COUNTY, NEW MEXICO
TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPN
Section 4: Lots 1, 2, 7, 8, 9, 10, 13, and 16

P
Y
It is understood that this unit is to be dedicated to your Western Reserves Federal Well No. 2, located 2932 feet from the north line and 1980 feet from the East line of said Section 4.

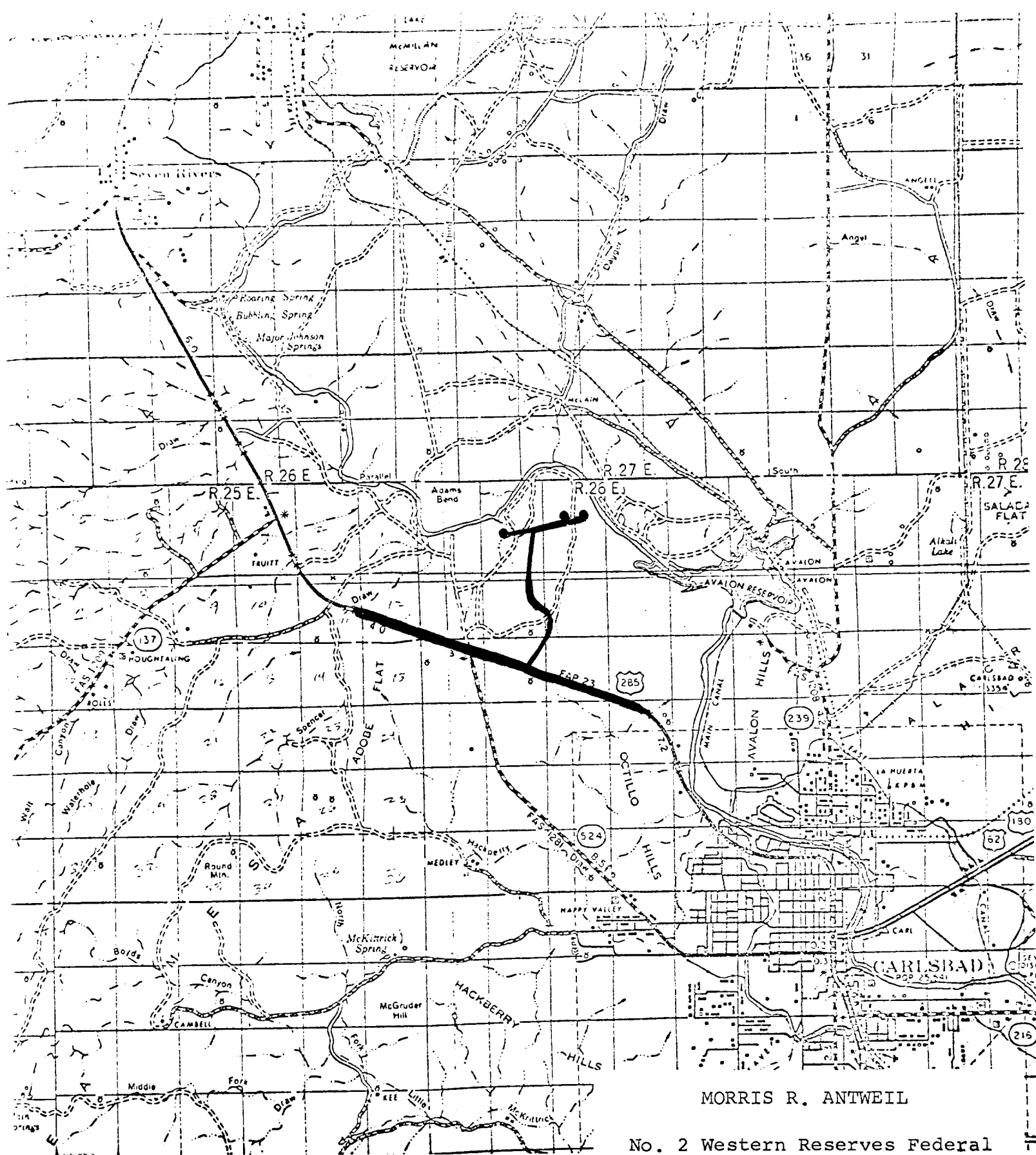
By authority granted me under the provisions of Rule 104 D II, you are hereby authorized to operate the above-described acreage as a non-standard gas proration unit.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/jr

cc: Oil Conservation Commission - Artesia
Oil & Gas Engineering Committee - Hobbs
U. S. Geological Survey - Artesia
Proration Department, OCC - Santa Fe



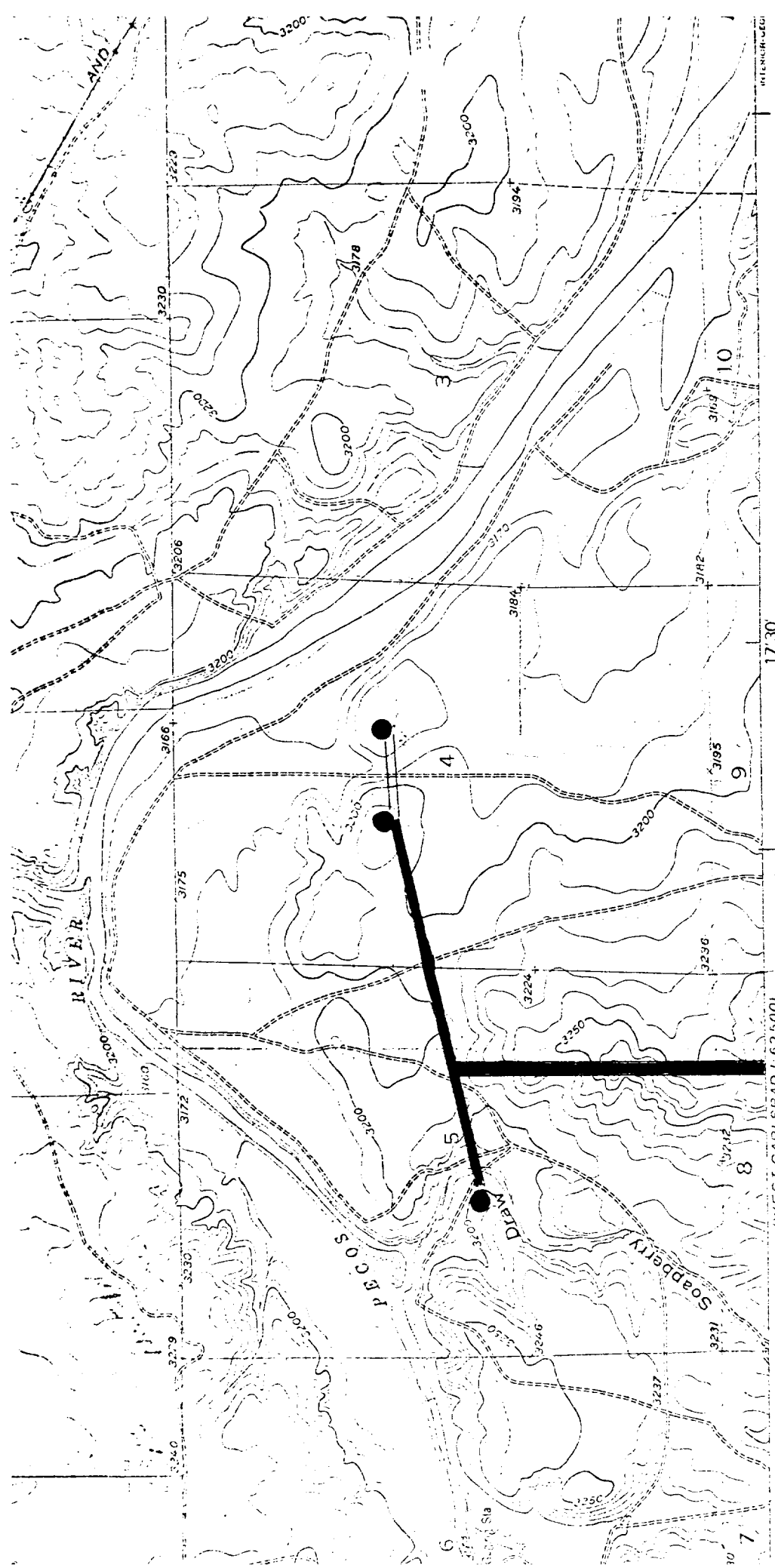
MORRIS R. ANTWEIL

No. 2 Western Reserves Federal

Lot 10, Sec. 4-T21S-R26E

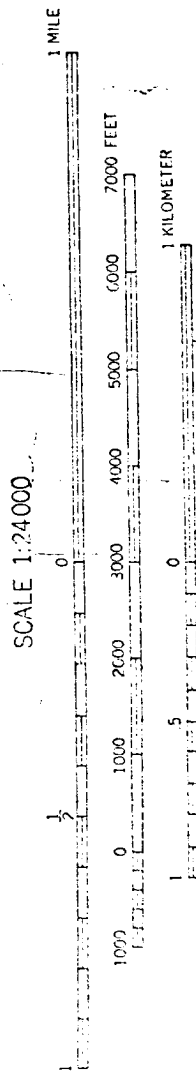
 highway
 existing access road

ITEM 1



MORRIS R. ANTWEIL
 Western Reserves Federal #2
 Lot 10, Sec. 4-T21S-R26E

existing access road
 road to be constructed
 10' x 1320' compacted
 ITEMS 2 & 4



CONTOUR INTERVAL 10 FEET
 DATUM IS MEAN SEA LEVEL

THIS MAP COMPLETES NATIONAL MAP ACCURACY STANDARDS
 U.S. GEOLOGICAL SURVEY, FEDERAL CENTER, DENVER, COLORADO OR WASHINGTON 25, D.C.
 A TOLLER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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LAND MAP

MORRIS R. ANTWEIL
No. 2 Western Reserves Federal
Lot 10, Sec. 4-T21S-R26E
Eddy County, New Mexico

ITEM 3

